# FRIEDMAN & BRUYA, INC. ENVIRONMENTAL CHEMISTS

Date of Report: March 25, 1994 Date Received: March 23, 1994

Project: 7238, Metro Self-Monitor, PO #M33723

Date Samples Extracted: March 23, 1994 Date Extracts Analyzed: March 23, 1994

## RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE FOR CHROMIUM, COPPER, NICKEL AND ZINC Samples Processed Using Method 3005

Results Reported as mg/L (ppm)

Sample ID	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M33723	0.91	1.0	0.79	0.09
Quality Assurance				
Blank	<0.05	<0.05	<0.05	<0.05
M33723 (Duplicate)	0.90	1.0	0.80	0.09
M33723 (Matrix Spike) % Recovery	86%	93%	84%	78%
M33723 (Matrix Spike Duplicate) % Recovery	84%	89%	81%	76%
Spike Blank % Recovery	92%	95%	87%	78%
Spike Level	5	5	10	5

AN & BRUYA, INC. 6th Avenue West AVA 98119

#### SAMPLE CHAIN OF CUSTODY

03. BTB.A
08-23 94

Id Report To: ALASKA COPPER WORKS CONTACT GERLD Thankson 98124 City, State, Zip SEATTLE, WA. 3-23-94 Date Phone # (106) 623-5800 · PROJECT NAME PURCHASE ORDER # SITE NO. 7238 METRO SELF, MONITOR SAMPLERS (signature) 3200 GHE AVE. SOUTH SAMPLE DISPOSAL INFORM. REMARKS Dispose after 30 days Return Samples Call for Instructions Analyses SAMPLE # Date/Time Type of # of Lub Sample Sample # Requested Sampled Jars WATER 48 306 SIGNATURE PRINT NAME COMPANY Date Time SOKON COPPED WORKE Received by F-BI 63.2394 11: 11 . Relinquished by: Received by:

# FRIEDMAN & BRUYA, INC.

### **ENVIRONMENTAL CHEMISTS**

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282

#### **DUPLICATE COPY**

3008-B 16th Avenue West Seattle, WA 98119 FAX: (206) 283-5044

March 25, 1994

#### **INVOICE # 94ACU0325-1**

Alaskan Copper Works 628 South Hanford Seattle, WA 98134

RE: Project 7238, Metro Self-Monitor, PO #M33723: Results of testing requested by Gerald Thomspon, Project Leader for material submitted on March 23, 1994.

1 water sample analyzed for Chromium,	Copper,
Nickel and Zinc @ \$65 per sample	\$ 65.00
Amount Due	<b>\$ 65.00</b>

# FRIEDMAN & BRUYA, INC.

#### **ENVIRONMENTAL CHEMISTS**

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282 3008-B 16th Avenue West Seattle, WA 98119 FAX: (206) 283-5044

March 25, 1994

Gerald Thomspon, Project Leader Alaskan Copper Works 628 South Hanford Seattle, WA 98134

Dear Mr. Thomspon:

Enclosed are the results from the testing of material submitted on March 23, 1994 from Project 7238, Metro Self-Monitor, PO #M33723.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

Bradley T. Benson

Chemist

BTB/dp

**Enclosures**